Fig. 1

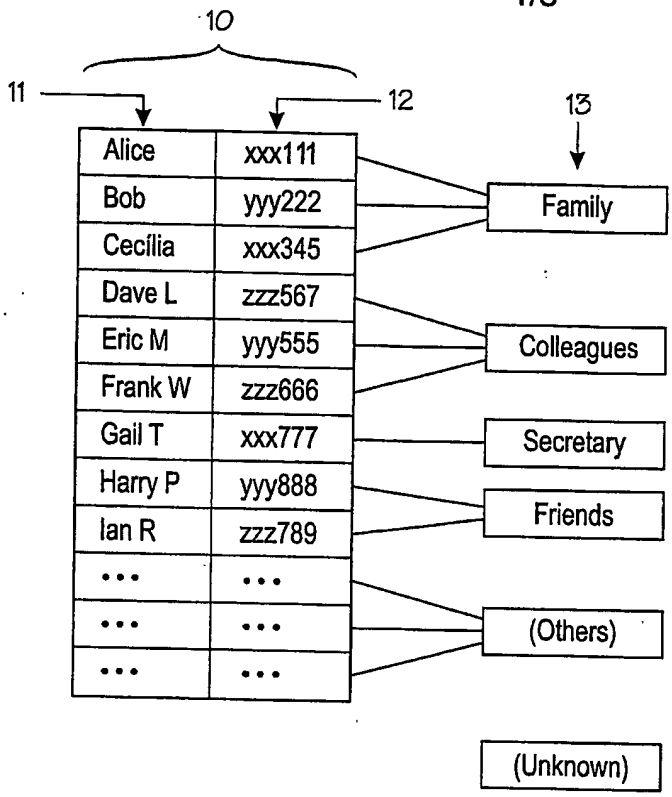
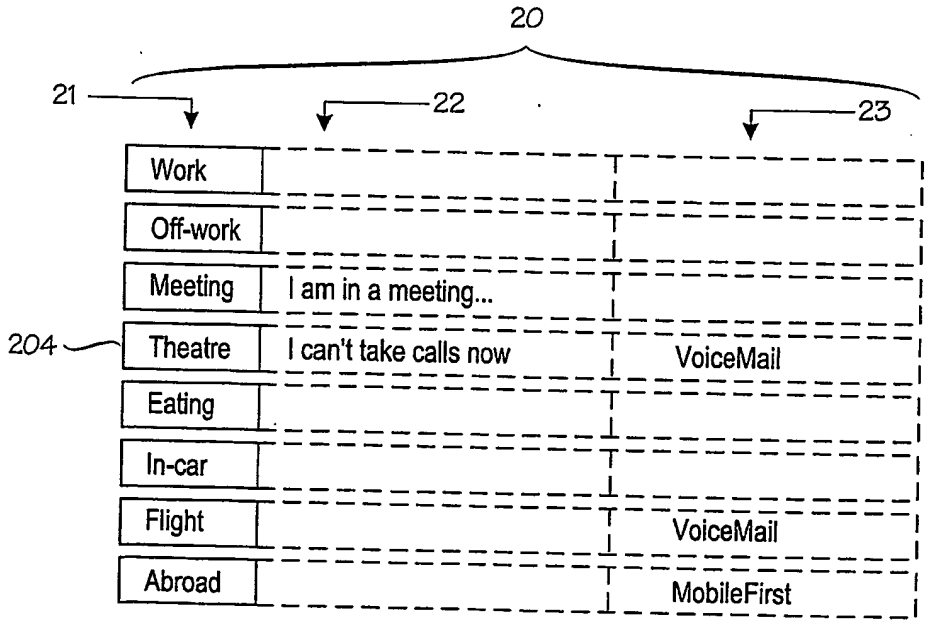
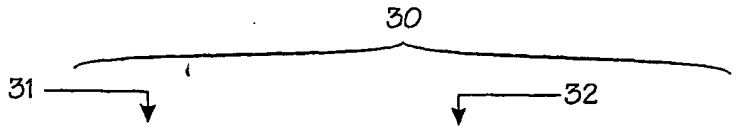

10
11
12
13
Alice
xxx111
Bob
yyy222
Cecilia
xxx345
Dave L
zzz567
Eric M
yyy555
Frank W
zzz666
Gail T
xxx777
Harry P
yyy888
Ian R
zzz789
Family
Colleagues
Secretary
Friends
(Others)
(Unknown)

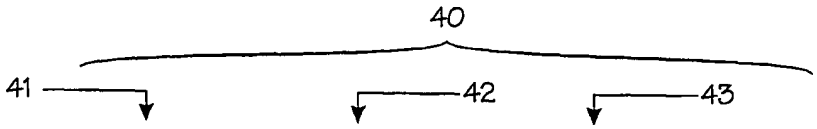
Fig. 2


20
21
22
23
Work
Off-work
Meeting
I am in a meeting...
204
Theatre
I can't take calls now
VoiceMail
Eating
In-car
Flight
VoiceMail
Abroad
MobileFirst




| | | |
|---|---|---|
| 301 | OfficeFirst | 5sOffice# / 5sMobile# / Answer# |
| 302 | MobileFirst | 5sMobile# / Answer# |
| 303 | VoiceMail | Answer# |
| 304 | Secretary | Secretary# |
| 305 | URL1 | >www.addr1.fi |
| 306 | URL2 | >www.addr2.fi |
| 307 | Chat | >Chat<Chat |
| 308 | Voice/Chat | <Chat |
| 309 | Voice/2KeyChat | <2KeyChat |

Fig. 3




| | Profile | Caller group | Redirection setting |
|---|---|---|---|
| 401 | Work | Family | OfficeFirst |
| 402 | Work | Colleagues | OfficeFirst |
| 403 | Work | Secretary | OfficeFirst |
| 404 | Work | Friends | Secretary |
| 405 | Work | (Others) | Secretary |
| 406 | Work | (Unknown) | Secretary |
| 411 | Meeting | Family | Chat |
| 412 | Meeting | Colleagues | Chat |
| 413 | Meeting | Secretary | MobileFirst |
| 414 | Meeting | Friends | VoiceMail |
| 415 | Meeting | (Others) | VoiceMail |
| 421 | Theatre | Family | Voice/2KeyChat |
| 431 | Abroad | (Unknown) | VoiceMail |
| | ... | ... | ... |

Fig. 4

Fig. 5

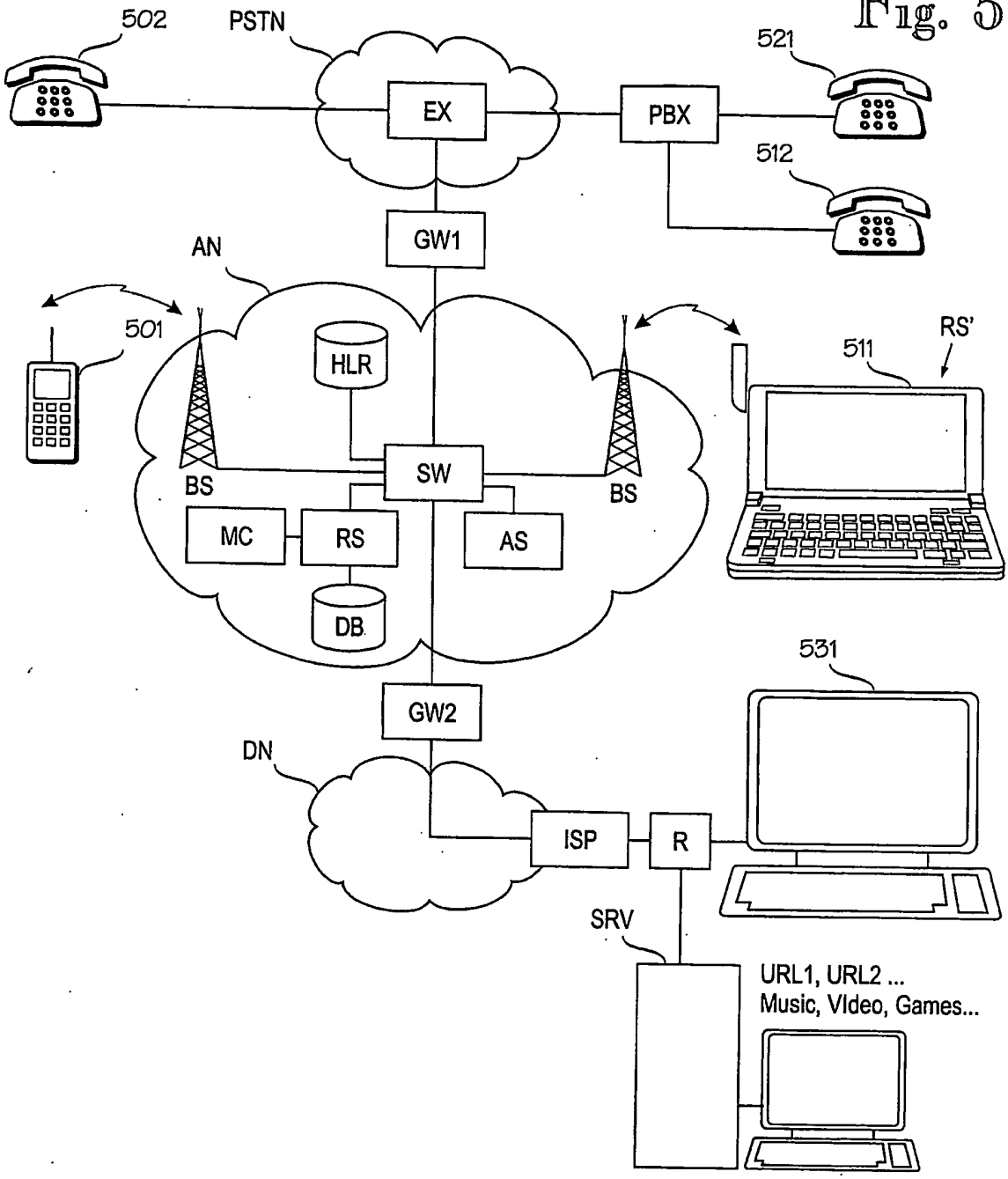

502
PSTN
521
EX
PBX
512
GW1
AN
501
HLR
RS'
511
SW
BS
BS
MC
RS
AS
DB
531
GW2
DN
ISP
R
SRV
URL1, URL2 ...
Music, Video, Games...

Fig. 6

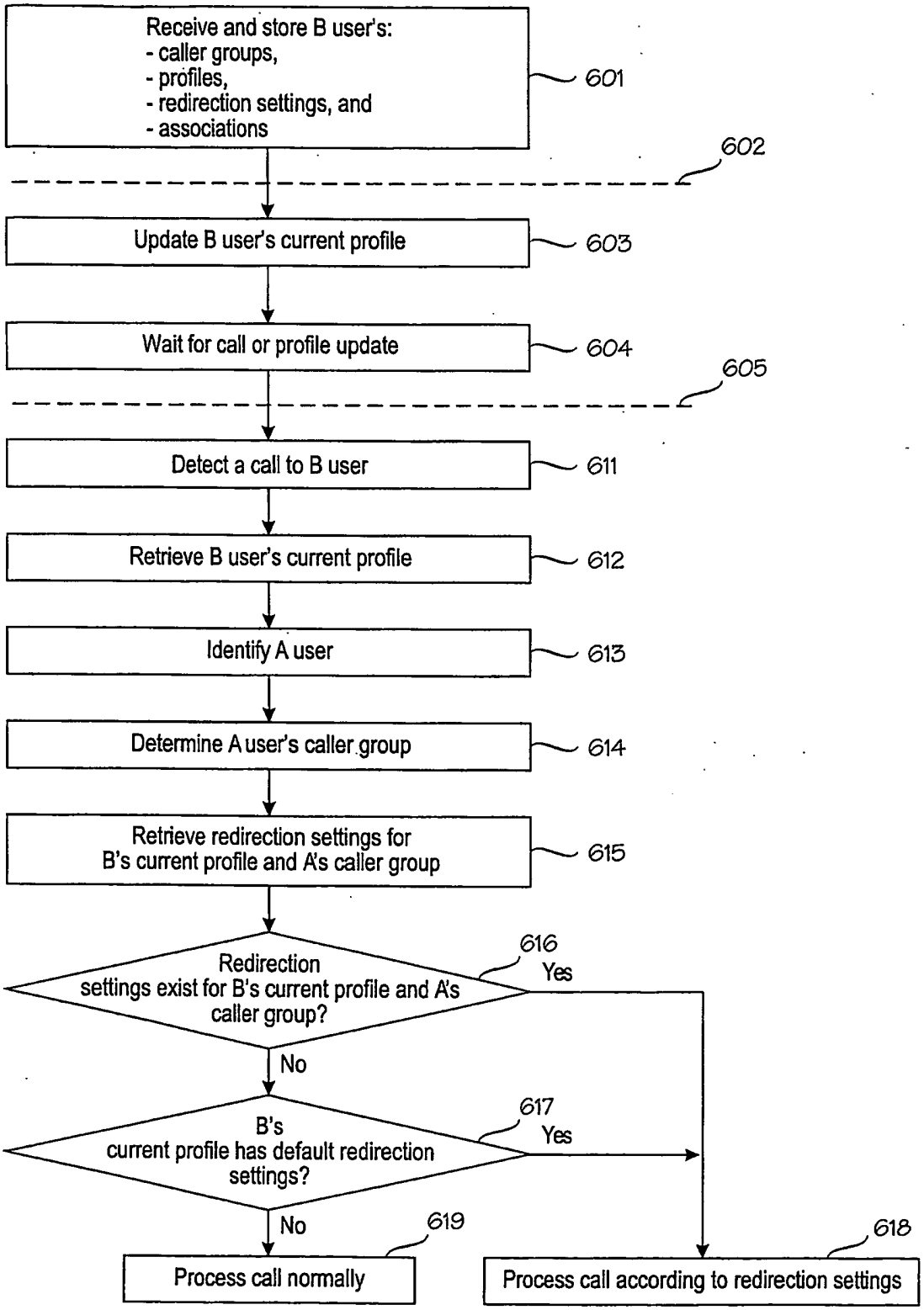

Receive and store B user's:
- caller groups,
- profiles,
- redirection settings, and
- associations
601
602
Update B user's current profile
603
Wait for call or profile update
604
605
Detect a call to B user
611
Retrieve B user's current profile
612
Identify A user
613
Determine A user's caller group
614
Retrieve redirection settings for B's current profile and A's caller group
615
Redirection settings exist for B's current profile and A's caller group?
616
Yes
No
B's current profile has default redirection settings?
617
Yes
No
619
Process call normally
618
Process call according to redirection settings

Fig. 7

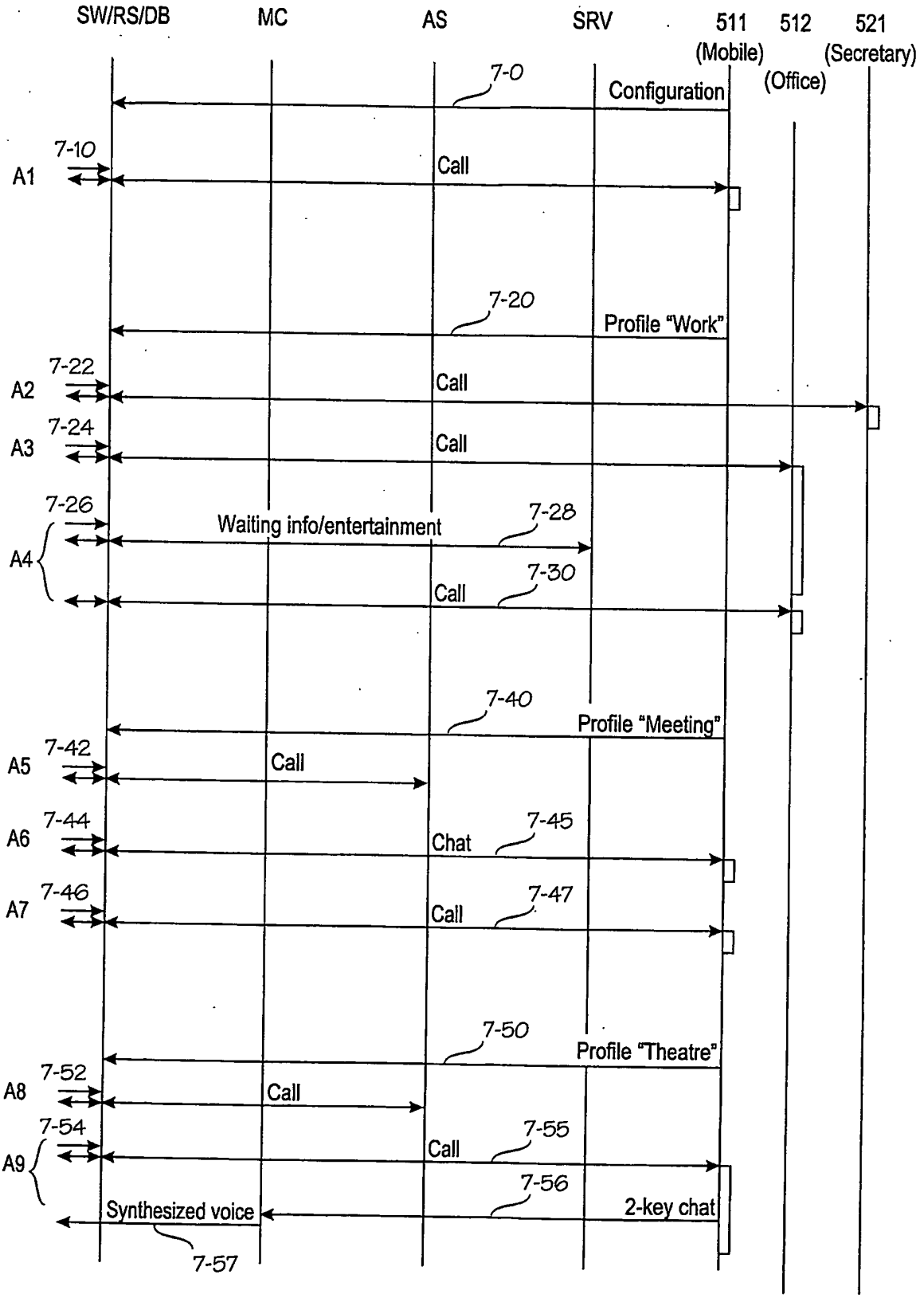

SW/RS/DB
MC
AS
SRV
511 (Mobile)
512 (Office)
521 (Secretary)
7-0
Configuration
7-10
A1
Call
7-20
Profile "Work"
7-22
A2
Call
7-24
A3
Call
7-26
A4
Waiting info/entertainment
7-28
Call
7-30
7-40
Profile "Meeting"
7-42
A5
Call
7-44
A6
Chat
7-45
7-46
A7
Call
7-47
7-50
Profile "Theatre"
7-52
A8
Call
7-54
A9
Call
7-55
7-56
Synthesized voice
2-key chat
7-57

Fig. 8

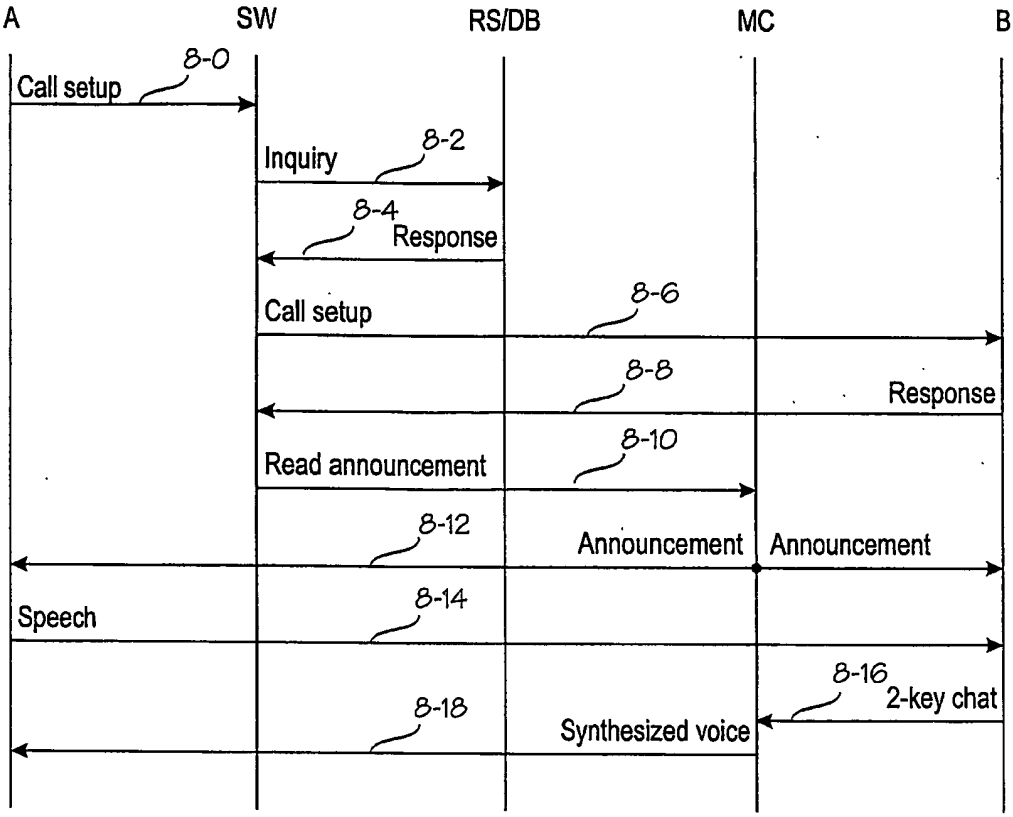

A
SW
RS/DB
MC
B
8-0
Call setup
8-2
Inquiry
8-4
Response
Call setup
8-6
8-8
Response
Read announcement
8-10
8-12
Announcement
Announcement
Speech
8-14
8-16
2-key chat
8-18
Synthesized voice

Fig. 9

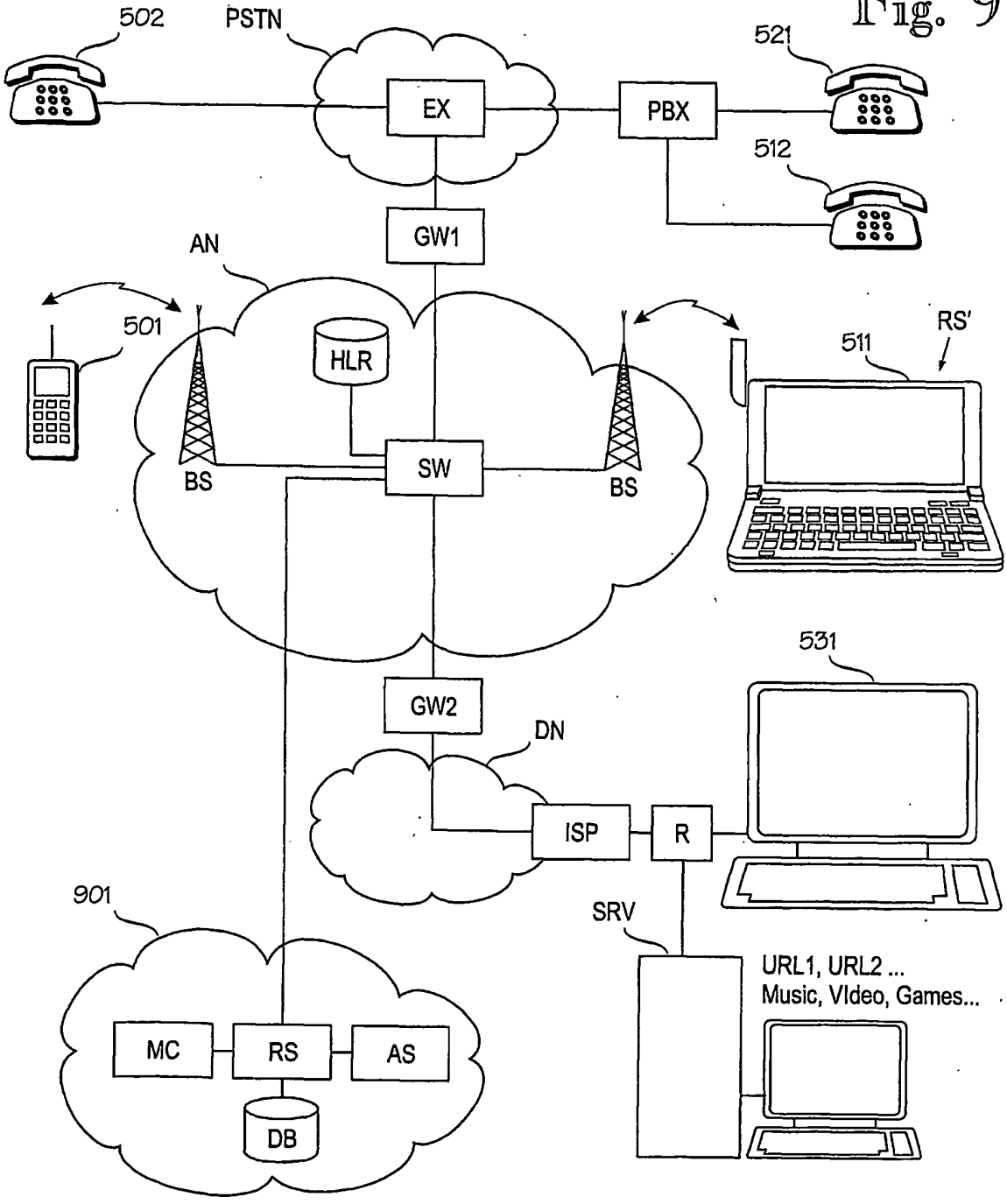

502
PSTN
521
EX
PBX
512
GW1
AN
501
HLR
RS'
511
SW
BS
BS
531
GW2
DN
ISP
R
901
SRV
URL1, URL2 ...
Music, VIdeo, Games...
MC
RS
AS
DB

Fig. 10

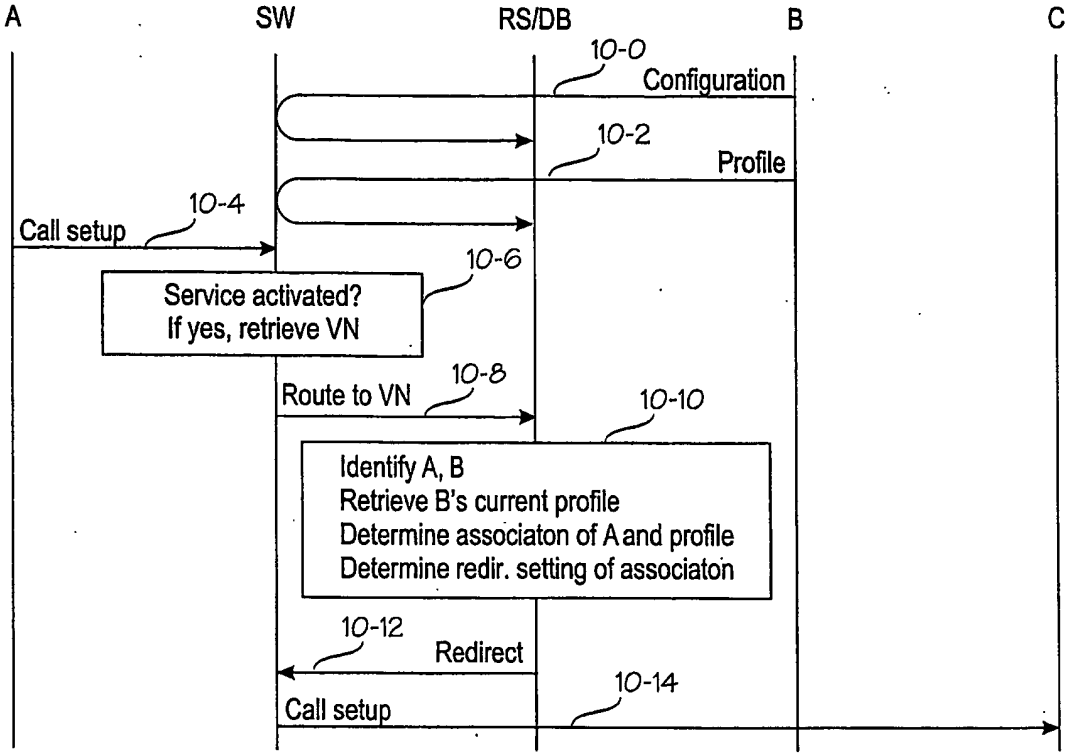
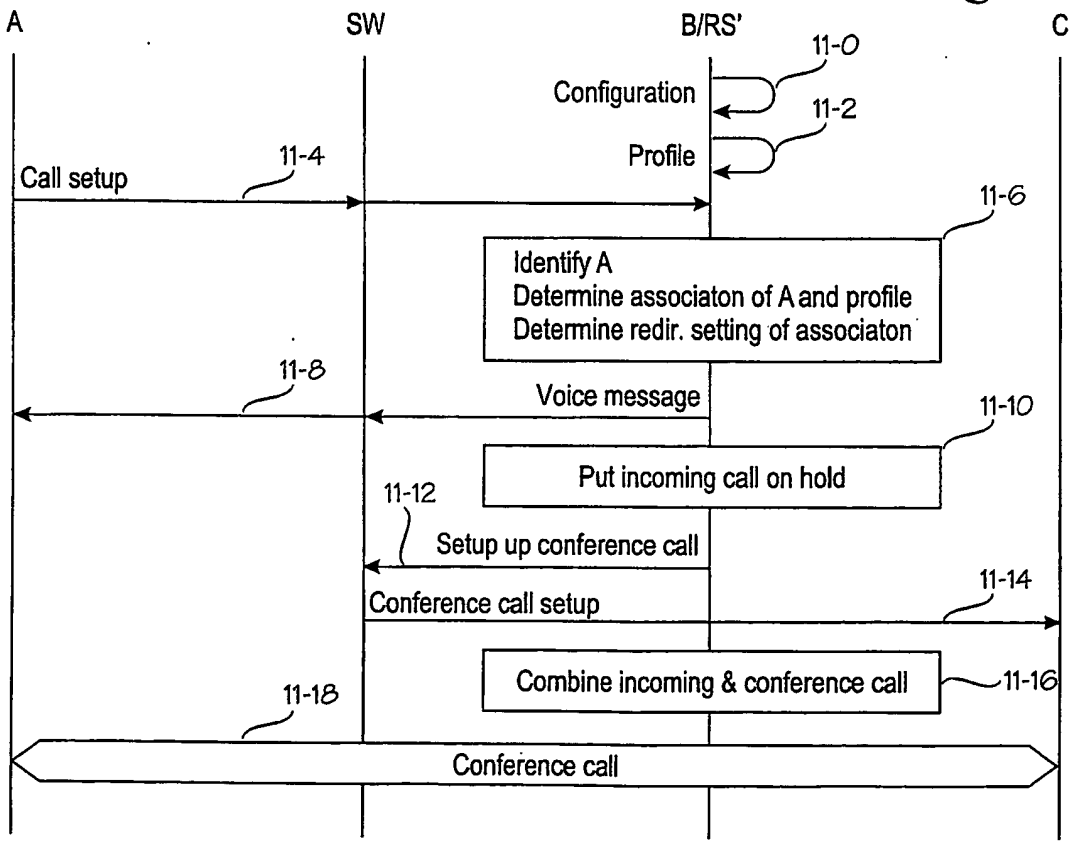

A
SW
RS/DB
B
C
10-0
Configuration
10-2
Profile
10-4
Call setup
10-6
Service activated?
If yes, retrieve VN
10-8
Route to VN
10-10
Identify A, B
Retrieve B's current profile
Determine associaton of A and profile
Determine redir. setting of associaton
10-12
Redirect
10-14
Call setup

Fig. 11


A
SW
B/RS'
C
11-0
Configuration
11-2
Profile
11-4
Call setup
11-6
Identify A
Determine associaton of A and profile
Determine redir. setting of associaton
11-8
Voice message
11-10
Put incoming call on hold
11-12
Setup up conference call
Conference call setup
11-14
Combine incoming & conference call
11-16
11-18
Conference call